

## 2002/2003 HES PROGRAM PLAN - WORK TYPE PROJECTS

|    |          |                     |        | WORK TYPE (WT)                          | WT   |  |  |                   |               |
|----|----------|---------------------|--------|---|------|--|--|-------------------|---------------|
|    | DISTRICT | AGENCY              | LOCODE | DESCRIPTION                             | CAT. | LOCATION OF WORK   | TYPE OF WORK   | ORIGINAL ESTIMATE | FEDERAL SHARE |
| 1  | 1        | Fort Bragg          | 5088   | Pavement Markings & Delineation         | 15   | Various locations within city limits   | Upgrade pavement markings and markers                                    | \$163,000         | \$163,000     |
| 2  | 1        | Lake County         | 5914   | Upgrade Guardrail                       | 8    | Soda Bay Rd., PM 7.04 to 7.51; Butts Canyon Rd., PM 9.72 to 9.77   | Install MBGR; 2 Locations  | \$144,000         | \$144,000     |
| 3  | 1        | Mendocino County    | 5910   | Channelization                          | 14   | Intersection of Sherwood Rd. (CR 311) and Birch St. (CR 601)   | Reduce vertical curve; install turning lane                              | \$155,000         | \$139,500     |
| 4  | 2        | Shasta Lake         | 5474   | Roadway Illumination                    | 1    | Shasta Dam Blvd. from Hardenbrook Ave. to Grand River Ave./Deer Creek Rd.                                    | Install street lighting, sidewalks, curb, gutter, and traffic signs      | \$539,100         | \$439,290     |
| 5  | 2        | Shasta Lake         | 5474   | Roadway Illumination                    | 1    | Shasta Dam Blvd. From Locust Ave. to Hardenbrook Ave. and Grand River Ave./Deer Creek Rd. to Washington Ave. | Install street lighting, sidewalks, curb, gutter, and traffic signs      | \$458,400         | \$370,260     |
| 6  | 3        | Sacramento County   | 5924   | Widen Shoulder                          | 16   | lone Rd. north of Meiss Rd.  | Construct paved shoulders; install MBGR; extend arch culvert             | \$200,000         | \$180,000     |
| 7  | 3        | Paradise            | 5425   | Remove Obstacles                        | 5    | 2 locations on Skyway and 6 locations on Pentz Rd.   | Remove 8 pine trees that are close to ETW                                | \$54,000          | \$48,600      |
| 8  | 3        | Yuba County         | 5916   | Remove Obstacles                        | 5    | 20 locations on various county roads   | Remove headwalls, replace existing culverts and widen shoulders          | \$500,000         | \$450,000     |
| 9  | 3        | El Dorado County    | 5925   | Upgrade Guardrail                       | 8    | 7 locations on various county roads  | Install 2,700 LF of MBGR   | \$100,200         | \$100,200     |
| 10 | 3        | Placer County       | 5919   | Upgrade Guardrail                       | 8    | 5 locations on various county roads  | Install 1,000 LF of MBGR   | \$226,350         | \$226,350     |
| 11 | 4        | Oakland             | 5012   | Upgrade Guardrail                       | 8    | Golf Links Road  | Install 300 LF of MBGR guardrail   | \$35,000          | \$35,000      |
| 12 | 4        | Woodside            | 5333   | Relocate Utility Pole                   | 2    | State Route 84 and Kings Mountain Rd   | Relocate utility pole  | \$10,000          | \$10,000      |
| 13 | 4        | Sonoma County       | 5920   | Sight Distance Improvement              | 11   | Napa Rd. and Fremont Dr. (SR 12/121)   | Improve site distance  | \$685,000         | \$180,000     |
| 14 | 4        | Contra Costa County | 5928   | Upgrade Guardrail                       | 8    | Highland Rd. near Danville and San Ramon; approx. 4500' east of Camino Tassajara                             | Install guardrail and signs  | \$68,000          | \$68,000      |
| 15 | 4        | Campbell            | 5306   | New Traffic Signals                     | 6    | Harriet Ave and McCoy Ave./San Tomas Aquino Rd.  | Install new traffic signals  | \$200,000         | \$200,000     |
| 16 | 4        | Lafayette           | 5404   | Roadway Illumination                    | 1    | Deer Hill Rd. and Oak Hill Rd.   | Install street lights  | \$73,000          | \$65,700      |
| 17 | 4        | Lafayette           | 5404   | Pavement Markings & Delineation         | 15   | Deer Hill Rd. and N. Thompson Rd.  | Install in-pavement crosswalk lights                                     | \$87,000          | \$87,000      |
| 18 | 4        | Orinda              | 5444   | Upgrade Guardrail                       | 8    | Citywide - 33 locations  | Replace deficient guardrail  | \$236,570         | \$236,570     |
| 19 | 4        | Alameda County      | 5933   | Upgrade Guardrail                       | 8    | Cull Canyon Rd. - PM 5.97 and 6.10   | Replace guardrails   | \$163,400         | \$163,400     |
| 20 | 4        | Albany              | 5178   | Traffic Signs                           | 3    | Buchanan Ave. and Jackson St.  | Install flashing pedestrian beacons with signs                           | \$34,500          | \$34,500      |
| 21 | 4        | Hayward             | 5050   | Emergency Vehicle Priority Sytem        | 20   | 7 intersections within city limits   | Install priority control system; Phase II                                | \$100,000         | \$100,000     |
| 22 | 5        | Hollister           | 5047   | Traffic Signs                           | 3    | Various locations  | Upgrade signs  | \$35,000          | \$35,000      |
| 23 | 5        | Sant Cruz County    | 5936   | Traffic Signs                           | 3    | Various locations around schools   | Upgrade traffic signs at schools   | \$125,000         | \$125,000     |
| 24 | 5        | Watsonville         | 5031   | Remove Obstacles                        | 5    | Green Valley Rd. and Pennsylvania Dr./Loma Prieta Ave.   | Remove signal standards on medians and install new signals standards     | \$100,000         | \$90,000      |
| 25 | 6        | Kern County         | 5950   | Remove Obstacle                         | 5    | Mt. Vernon Ave.  | Remove signal standards on median and install new signal standards       | \$117,000         | \$105,300     |
| 26 | 6        | Visalia             | 5044   | New Traffic Signals                     | 6    | Westbound SR 198 off ramp to Mineral King Ave. and Court St (SR 63)  | Install new traffic signals  | \$197,800         | \$197,800     |
| 27 | 7        | Palmdale            | 5378   | Upgrade Signals                         | 10   | Rancho Vista Blvd.(Ave.P) and Highland St.(25th St. West)  | Construct turn lane & improve signal                                     | \$252,300         | \$227,070     |
| 28 | 7        | Pasadena            | 5064   | Upgrade Signals                         | 10   | Fair Oaks Avenue and California Boulevard  | Install left-turn phasing (all approaches)                               | \$40,000          | \$40,000      |
| 29 | 7        | Monterey Park       | 5231   | Upgrade Signals                         | 10   | Atlantic Boulevard and Newmark Avenue  | Install S/B left-turn phasing  | \$20,000          | \$20,000      |
| 30 | 7        | Pasadena            | 5064   | Construct Median for Traffic Separation | 12   | Lake Avenue and Orange Grove Boulevard   | Construct center median on Orange Grove Blvd and upgrade traffic signals | \$200,000         | \$180,000     |
| 31 | 7        | Monterey Park       | 5231   | Upgrade Signals                         | 10   | Garvey Avenue and Ynez Avenue  | Install E/B and W/B left-turn phasing                                    | \$40,000          | \$40,000      |
| 32 | 7        | Monterey Park       | 5231   | Upgrade Signals                         | 10   | Atlantic Boulevard and First Street  | Install N/B left-turn phasing  | \$20,000          | \$20,000      |

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|----|----------|------------------|--------|------------------------------------|------------|---|---|----------------------|------------------|
| 33 | 7        | Pasadena         | 5064   | Upgrade Guardrail                  | 8          | Various locations within city limits  | Replace MBGR at 7 locations                                   | \$80,000             | \$80,000         |
| 34 | 7        | Oxnard           | 5129   | New Traffic Signals                | 6          | Fifth Street (SR 34) and Meta Street<br>Beverly Boulevard (between Pioneer Blvd. and Norwalk Blvd.) | Install traffic signal  | \$80,000             | \$80,000         |
| 35 | 7        | Whittier         | 5111   | Roadway Illumination               | 1          |   | Install street lights   | \$240,000            | \$216,000        |
| 36 | 7        | Covina           | 5118   | Traffic Signs                      | 3          | City-wide   | Upgrade traffic signs; upgrade sign supports                  | \$380,000            | \$380,000        |
| 37 | 8        | Riverside County | 5956   | Upgrade Signals                    | 10         | Van Buren Boulevard and Bellegrave Avenue   | Modify and upgrade signals; install luminaires                | \$175,000            | \$175,000        |
| 38 | 8        | Highland         | 5449   | New Traffic Signals                | 6          | Boulder Avenue and Webster Street   | Install traffic signal  | \$225,000            | \$225,000        |
| 39 | 8        | Temecula         | 5459   | Upgrade Guardrail                  | 8          | Rainbow Canyon Road from City Limits north to the Temecula Creek Golf Course Entrance               | Upgrade existing and install new MBGR                         | \$334,840            | \$334,840        |
| 40 | 9        | Ridgecrest       | 5385   | New Traffic Signals                | 6          | South China Lake Blvd. and Church Ave   | Install traffic signal  | \$130,000            | \$130,000        |
| 41 | 10       | Riverbank        | 5255   | New Traffic Signals                | 6          | SR 108 and Jackson Ave.   | Install traffic signal  | \$150,000            | \$150,000        |
| 42 | 11       | San Marcos       | 5381   | New Traffic Signals                | 6          | EB SR 78 off ramp and Barham Dr.  | Install traffic signal  | \$340,000            | \$340,000        |
| 43 | 11       | Vista            | 5382   | Traffic Signs                      | 3          | West Vista Way and Emerald Dr.  | Install traffic signs, widen roadway, and restripe lane lines | \$260,000            | \$260,000        |
| 44 | 11       | San Diego        | 5004   | New Traffic Signals                | 6          | University Ave. and Van Dyke Ave.   | Install traffic signal  | \$120,000            | \$120,000        |
| 45 | 12       | Fullerton        | 5133   | Pavement Markings &<br>Delineation | 15         | Various locations within city limits  | Install in-pavement crosswalk lights                          | \$338,100            | \$338,100        |
| 46 | 12       | Orange County    | 5955   | Pavement Markings &<br>Delineation | 15         | Santiago Canyon Rd. between Jamboree Rd. and the Eastern Transportation Corridor (ETC)              | Install lighted raised pavement markers                       | \$37,500             | \$37,500         |
| 47 | 12       | Tustin           | 5271   | New Median Barrier                 | 7          | Jamboree Rd. (950' north of Barranca Pkwy to 1400' north of Edinger Ave.)                           | Install thrie beam barrier in median                          | \$400,000            | \$360,000        |
| 48 | 12       | Santa Ana        | 5063   | Upgrade Signals                    | 10         | McFadden Ave and Broadway   | Modify and upgrade signals                                    | \$25,000             | \$25,000         |
| 49 | 12       | Santa Ana        | 5063   | Upgrade Signals                    | 10         | Fairview St and Civic Center Dr.  | Install protected left-turn phasing                           | \$60,000             | \$60,000         |
|    |          |                  |        |                                    |            |   | Total:  |                      | \$7,832,980      |